

CIC #: 99EPA SUPERFUND
Billed Date: 21-Sep-2011
Customer Order Number DW96942125
PASSAIC CPG OVERSIGHT 147757 BZ761
EPA 598

VOUCHER FOR TRANSFERS
BETWEEN APPROPRIATIONS AND/OR FUNDS (AR 37-1)
Mission Assignment No:

D.O. Voucher No. BU. Voucher No. Bill No. 27055250
Paid By Check No. 01-Sep-2011 Thru 21-Sep-2011
Collection Vou. No.

Billed Office (Mail To):
U.S. ENVIRONMENTAL PROTECTION AGENCY
ACCOUNTING OPERATIONS OFFICE
26 W MARTIN LUTHER KING DRIVE
CINCINNATI OH 45268-7002

Billed Accounting Classification 2007 00 0000 000000000000 00000
68 68 X 8145.0000
Billing Accounting Classification 96 NA X 3122.0000 G5 08 2416 868 022125 96231
\$110,935.71 \$110,935.71

Line Item	Moa	Description	Eaid No	Amount
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS)		\$104,859.00
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS		\$980.72
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS		\$245.19
1	INHOUSE - LABOR	LABOR		\$2,451.80
1	REIMBURSABLE - INSIDE CORPS	WORK PERFORMED BY OTHER COE EST		\$2,399.00
Subtotal:				\$110,935.71

Total Billed Amount: \$110,935.71
Less Partial Amount Paid: \$0.00
Payment Due Date: 21-Oct-2011 Pay This Amount: \$110,935.71

CORPS CERTIFICATION
"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE. AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR FUNDS AS INDICATED."
8 Nov 11 Elizabeth A. Buckncker
DATE SIGNATURE
Elizabeth A. Buckncker
Project Manager

Funds Authorized:	\$5,030,665.00	CERTIFICATE OF OFFICE BILLED I certify that the above articles were received and accepted or the services performed as stated and should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance payment requested is approved and should be paid as indicated.
Total Billed Amount:	\$3,648,136.13	
Prev Billed Amount:	\$3,537,200.42	
Current Billed Amount:	\$110,935.71	
Total Flux Billed:	\$0.00	
Prev Flux Billed:	\$0.00	Authorized Administrative or Certifying Officer
Current Flux Billed:	\$0.00	

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

IA Number: DW96942125

MONTHLY REPORT FOR SEPTEMBER 2011

STATEMENT OF CHARGES FOR PERIOD:	Revised Reimbursable (96X3122)	Direct Fund Cite	IA Totals (96X3122)
Total Funds Authorized:	\$5,030,665.00	\$0.00	\$5,030,665.00
Less Total Expenditures: (-)	\$3,755,284.13	\$0.00	\$3,755,284.13
Less Undelivered Orders: (-)	\$1,116,618.53	\$0.00	\$1,116,618.53
Less Commitments: (-)	\$29,079.97	\$0.00	\$29,079.97
Funds Available Balance:	\$129,682.37	\$0.00	\$129,682.37

BILLING ACTIVITY (96X3122):

Bill Number: 27055250

Funds Expended During Report Period:
Total Billed to Date:\$218,083.71
\$3,755,284.13

DIRECT FUND CITE PAYMENTS:

Funds Expended During Report Period:
Total Expended to Date:\$0.00
\$0.00

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PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

IA Number: DW96942125

Bill Number: 27055250
Bill Invoice Date: 21-SEP-2011

Monthly Billing Amount(96X3122):

\$218,083.71

Monthly Direct Fund Cite Contract Cost(68X8145):

\$0.00

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
a Personnel	\$1,657.65	\$88,742.84	\$90,400.49
b Fringe Benefits	\$794.15	\$47,243.63	\$48,037.78
c Travel	\$0.00	\$8,655.50	\$8,655.50
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$212,007.00	\$3,192,538.56	\$3,404,545.56
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$2,399.00	\$112,949.25	\$115,348.25
i Total Direct Charges	\$216,857.80	\$3,450,129.78	\$3,666,987.58
j Total Indirect Charges	\$1,225.91	\$87,070.64	\$88,296.55
k TOTAL	\$218,083.71	\$3,537,200.42	\$3,755,284.13

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
ELIZABETH BUCKRUCKER	KANSAS CITY DISTRICT	HRM PROJECT MANAGER	17.00	\$1,786.45
DELOS C. HALTERMAN	KANSAS CITY DISTRICT	SUPV CONTRACT SPECIALIST	1.25	\$125.35
JENNIFER L KOLARIK	KANSAS CITY DISTRICT	PROJECT MANAGEMENT SPECIAL	1.00	\$44.67

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
BONNIE B LOWE	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	10.00	\$935.15
JANICE H QUILTY	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	2.00	\$166.29
LYNN M. THOMAS	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	6.00	\$619.80
TOTAL LABOR:				\$3,677.71

**VOUCHER FOR TRANSFERS
BETWEEN APPROPRIATIONS AND/OR FUNDS (AR 37-1)**

CIC #: 99EPA SUPERFUND
Billed Date: 03-Oct-2011
Customer Order Number DW96942125
PASSAIC CPG OVERSIGHT 147757 BZ761
EPA 598

Mission Assignment No:
BZ761

D.O. Voucher No. BU. Voucher No. Bill No. 2705597
Paid By Check No. Collection Vou. No.

Partial # 51 21-Sep-2011 Thru 03-Oct-2011

Billed Office (Mail To):

U S ENVIRONMENTAL PROTECTION AGENCY
ACCOUNTING OPERATIONS OFFICE
26 W MARTIN LUTHER KING DRIVE
CINCINNATI OH 45268-7002

Billing Office (Send Remittance To):

USACE FINANCE CENTER G5
KANSAS CITY DISTRICT G5
5720 INTEGRITY DRIVE
MILLINGTON TN 38054-5005

Billed Accounting Classification

68 68 X 8145.0000 2007 00 0000 000000000000 00000

Billing Accounting Classification

96 NA X 3122.0000 G5 08 2416 868 022125 96231

\$107,546.15

Line Item	Moa	Description	Eaid No	Amount
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS)		\$107,148.00
1	REIMBURSABLE - INSIDE CORPS	WORK PERFORMED BY OTHER COE EST		\$398.15
Subtotal:				\$107,546.15

CORPS CERTIFICATION

"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR FUNDS AS INDICATED."

2 Nov 11 *Elizabeth A. Buckner*
DATE SIGNATURE
Elizabeth A. Buckner
Project Manager

Funds Authorized:	\$5,030,665.00
Total Billed Amount:	\$3,755,682.28
Prev Billed Amount:	\$3,648,136.13
Current Billed Amount	\$107,546.15
Total Flux Billed:	\$0.00
Prev Flux Billed:	\$0.00
Current Flux Billed:	\$0.00

CERTIFICATE OF OFFICE BILLED

I certify that the above articles were received and accepted or the services performed as stated and should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance payment requested is approved and should be paid as indicated.

Authorized Administrative or Certifying Officer

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

IA Number: DW96942125

MONTHLY REPORT FOR SEPTEMBER 2011

STATEMENT OF CHARGES FOR PERIOD:			Revised Reimbursable (96X3122)	Direct Fund Cite	IA Totals (96X3122)
Total Funds Authorized:			\$5,030,665.00	\$0.00	\$5,030,665.00
Less Total Expenditures:	(-)		\$3,755,682.28	\$0.00	\$3,755,682.28
Less Undelivered Orders:	(-)		\$1,116,220.38	\$0.00	\$1,116,220.38
Less Commitments:	(-)		\$0.00	\$0.00	\$0.00
Funds Available Balance:			\$158,762.34	\$0.00	\$158,762.34

BILLING ACTIVITY (96X3122):

Bill Number: 27055250

Funds Expended During Report Period:
Total Billed to Date:

\$218,481.86
\$3,755,682.28

DIRECT FUND CITE PAYMENTS:

Funds Expended During Report Period:
Total Expended to Date:

\$0.00
\$0.00

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PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

IA Number: DW96942125

Bill Number: 27055250

Bill Invoice Date: 21-SEP-2011

Monthly Billing Amount(96X3122):

Monthly Direct Fund Cite Contract Cost:

\$218,481.86

\$0.00

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
a Personnel	\$1,657.65	\$88,742.84	\$90,400.49
b Fringe Benefits	\$794.15	\$47,243.63	\$48,037.78
c Travel	\$0.00	\$8,655.50	\$8,655.50
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$212,007.00	\$3,192,538.56	\$3,404,545.56
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$2,797.15	\$112,949.25	\$115,746.40
i Total Direct Charges	\$217,255.95	\$3,450,129.78	\$3,667,385.73
j Total Indirect Charges	\$1,225.91	\$87,070.64	\$88,296.55
k TOTAL	\$218,481.86	\$3,537,200.42	\$3,755,682.28

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
ELIZABETH BUCKRUCKER	KANSAS CITY DISTRICT	HTRM PROJECT MANAGER	17.00	\$1,786.45
DELOS C. HALTERMAN	KANSAS CITY DISTRICT	SUPV CONTRACT SPECIALIST	1.25	\$125.35
JENNIFER L KOLARIK	KANSAS CITY DISTRICT	PROJECT MANAGEMENT SPECIAL	1.00	\$44.67

KANSAS CITY DISTRICT
DIAMOND ALEALI, (LOWER PASSAIC RIVER), NJ

PROGRESS REPORT

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
BONNIE B LOWE	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	10.00	\$935.15
JANICE M QUILTY	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	2.00	\$166.29
LYNN M. THOMAS	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	6.00	\$619.80
TOTAL LABOR:			37.25	\$3,677.71

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

IA Number: DW96942125

Unbilled Amount

Budget Categories

a Personnel	\$0.00
b Fringe Benefits	\$0.00
c Travel	\$0.00
d Equipment	\$0.00
e Supplies	\$0.00
f Procurement	\$107,148.00
g Construction	\$0.00
h Other	\$398.15
i Total Direct Charges	\$107,546.15
j Total Indirect Charges	\$0.00
k Total Unbilled Amount	\$107,546.15

Unbilled Costs
Current Month

Total Unbilled Amount	\$ -107,546.15
Plus Expended for Month	\$218,481.86
Total	\$110,935.71

You may query the cost_account_detail table, column name unbilled_amt, for further details.

PROGRESS REPORT

*** END OF REPORT - 17-OCT-2011 - 11:02 - SID G5CERNP1 ***

Progress Report for EPA Region II

Site:	Diamond Alkali, Lower Passaic River (Extended Study): RI/FS Oversight, New Jersey		Phase:	RI/FS, OU4	
Bill No.:	27055250/27055597 Partial #50/#51	IAG No.:	IAG: DW96942125/BZ761 NWK	IAG Expiration Date:	Other Corps P2 #147757/FWI 96B4B2
Reporting Period:	From: September 1, 2011	To:	October 3, 2011	EPA RPM Stephanie Vaughn	USACE PM Elizabeth Buckrucker
Work Performed					

Work Performed	<ul style="list-style-type: none"> ▪ On 13 and 27 Sep 11, participated in project progress conference calls with EPA/COE/CDM/LB/HQI/BAT. ▪ Funding. <ul style="list-style-type: none"> ○ No funding received during the reporting period. ▪ Invoices. <ul style="list-style-type: none"> ○ On 11 Sep 11, reviewed and approved CDM TO 0014 Invoice #20, totaling \$164,765.00 covering period 3 - 30 Jul 11. Of this invoice, \$104,859 was IA2125 (oversight), \$7,880 was IA 2023 and \$52,026 was IA 1975 (website support). ○ On 20 Sep 11, reviewed and approved CDM TO 0014 Invoice #21, totaling \$107,148 covering period 31 Jul - 27 Aug 11. All funds were paid from IA 2125. ▪ CDM Task Order 0014/Modification 13 <ul style="list-style-type: none"> ○ On 19 Sep 11, Modification 13 was awarded, totaling \$150,000. ○ On 9 Sep 11, Contracting reviewed and provided concurrence to CDM to increase the subcontract capacity for Axy's lab. ○ On 20 Sep 11, Contract reviewed and provided concurrent for CDM to increase the dollar limit on the HDR-HQI subcontract. ▪ Sharepoint/transfer of database & websites. <ul style="list-style-type: none"> ○ CDM 2010 currently loading sediment and tissue split sample data EDDs with validation qualifiers into EQuIS. ○ Hard copy of all data was transferred from LBG to CDM. ○ CDM continues to prepare data tables and output upon request for team and partner agencies. ○ Historical database migrating work underway. ▪ Schedule. Most current CPG full schedule version is 18 February 2010. Partial updates of specific tasks are being provided. ▪ CDM Confidentiality/Conflict of Interest Certification Forms. <ul style="list-style-type: none"> ○ On 27 Jul 10, received series of emails with scope and contract information from HQI pertaining to work performed for NJDEP and PVSC (regarding use of the SWEM model). Action for government to review and respond. On 22 Oct 10, resent all information together to EPA and recommended discussion. Review will now require update with HDR/HQI COI Certification forms. Open. ○ PRP List. The updates below will require revision based on HDR/HQI recent merge. Review will be held until updated forms are received. <ul style="list-style-type: none"> ▪ On 23 Sep 10, received 5th update of COI forms from CDM and subcontract employees. Open for government to review and respond as applicable. On 5 Nov 10, received the revised CDM company review of updated PRP list, open for government review and response. ○ On 9 Sep 11, F. Tsang submitted updated list of personnel who have signed COI Certification Forms.
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Progress Report for EPA Region II

Work Performed--cont.	<ul style="list-style-type: none"> Technical Expert Risk Assessment personnel. On 4 Nov 09, circulated list of risk assessment personnel that had been considered for addition to the team. Coordination among EPA for contacting potential personnel. Preparation of Progress Report and Project Expenditure spreadsheet. Combined Progress Report this period based on the end of fiscal year processing of bills.
Key Meetings This Period	<ul style="list-style-type: none"> Regular project progress calls. Other project calls and meetings as noted throughout this progress report.
Key Contract Milestones Completed to Date	<ul style="list-style-type: none"> MPI Task Order 0020: Contract W912DQ-06-D-0006, Expiration Date -- 19 Sep 2012 <ul style="list-style-type: none"> 21 Sep 07 --Base Task Order, CPG RI/FS Oversight awarded for \$349,601. 19 Jun 08 -- Modification 01, CPG RI/FS Oversight was awarded for \$274,903. MPI Task Order 0010: Contract W912DQ-08-D-0017, Expiration Date -- 15 Jan 2014 <ul style="list-style-type: none"> 16 Jan 09 -- Base Task Order, CPG RI/FS Oversight was awarded for \$65,000. 5 Mar 09 -- Modification 0001 was awarded for \$69,772. 24 Jun 09/1 Jul 09 - Modification 0002 was awarded for \$49,756 (verbal on 24 Jun/written on 1 Jul). 3 Aug 09 -- Modification 0003 was awarded for \$378,843. 28 Aug 09: Contract Mod 4 was awarded, totaling \$279,277. 1 Sep 09, Mod 5 (admin in nature) was signed. 29 Dec 09, Mod 6 was awarded, totaling \$211,881. 9 Jul 10, Mod 7 was awarded, totaling \$52,890. 28 Dec 10, Mod 8 was awarded, totaling \$54,473. CDM Task Order 0014: Contract W912DQ-08-D-0018, Expiration Date -- 30 Jul 2014 <ul style="list-style-type: none"> 3 Aug 09 -- Base Task Order, CPG RI/FS Oversight was awarded for \$160,000 (verbal was given 31 Jul 09) 22 Aug 09: Contract Mod 1/TO 0014 was issued, totaling \$175,902. 25 Aug 09; Mod 2 (admin in nature) was signed. 23 Dec 09; Mod 3 was awarded, totaling \$493,000. 3 Mar 10; Mod 7 was awarded, totaling \$283,000. (Numbering out of order due to electronic system error.) 14 May 10; Mod 8 was awarded, totaling \$140,000. 9 Jun 10; Mod 9 was awarded, totaling \$375,000. 21 Oct 10, Mod 10 was awarded, totaling \$362,923 (note \$63,000 of this funding is from IA 2023). 27 Dec 10, Mod 11 was awarded, totaling \$74,426 (note funding split as follows: \$50,000 is Passaic FFS, IA 1975 and \$24,426 is Newark Bay, IA 2023). 4 May 11, Mod 12 was awarded, totaling \$682,426 (note funding split as follows: \$645,000 is IA 2023 and \$37,426 is IA1975). 19 Sep 11, Mod 13 was awarded, totaling \$150,000.

Progress Report for EPA Region II

Contractor Actions/ Accomplishments	CDM
	<ul style="list-style-type: none"> ▪ Management. CDM participated in progress calls as noted throughout this report and continued management tasks including participation in subcontract collaboration tasks with EPA/Corps/HDR-HQI personnel. Additional information may be found in the CDM Progress Report covering period August 28 – October 1, 2011. Information is also contained in daily email reports provided by CDM during specific fieldwork oversight efforts. ▪ CPG Fieldwork Planning Documents <ul style="list-style-type: none"> ○ RM 10.9 QAPP; Sediment Sampling. On 17 Aug 11, EPA approved the QAPP for sediment sampling. ○ RM 10.9 Hydrodynamic Survey. On 8 Sep 11, the CPG submitted draft hydrodynamic QAPP for RM 10.9. On 22 Sep 11, provided comments to EPA on the QAPP. On 28 Sep 11, the CPG provided responses to comments. On 29 Sep 11, provided feedback on the CPG RTC. ○ Bathymetry Survey. On 26 Sep 11, the CPG submitted field modification for conducting bathymetry survey (post-storm). After review, recommend to EPA approval of the field modification. ▪ CDM Oversight QAPP Addenda. Initial preparations for QAPP addendum for RM10.9; anticipate completion during next reporting period. ▪ CDM Fieldwork Oversight. <ul style="list-style-type: none"> ○ CWCW Sampling. First sampling event concluded. ○ RM10.9 Sampling. On 14 Sep 11, sediment sampling resumed with oversight of CPG fieldwork. ○ Bathymetry Post Irene. Planning underway during the reporting period for a bathymetry survey of the entire river; anticipate fieldwork to begin in the next reporting period with Sea Engineering oversight. ▪ CDM Fieldwork Oversight Reporting. <ul style="list-style-type: none"> ○ Continued preparation of oversight reports and daily updates during fieldwork. ▪ CPG Fieldwork Reporting <ul style="list-style-type: none"> ○ Summer 2010 Habitat Identification Survey Data Report. On 11 Jul 11, submitted comments on revised report. On 13 Jul 11, EPA provided the CPG with comments. ○ Draft Spring and Summer 2010 Benthic Report. On 18 Jul 11, submitted comments on the draft report. ○ 2010 Summer/Fall Avian Survey Data Report. On 14 Jul 11, the CPG provided response to comments. On 1 Aug 11, submitted comments on the CPG responses. On 8 Aug 11, final report received from the CPG. ○ Bathymetry June 2010 Multibeam Report. On 7 Jun 11, submitted review comments. On 14 Jun 11, EPA provided the CPG with comments. ○ Draft 2009 and 2010 Sediment Chemistry Data. On 6 Sep 11, received data. Review underway. ○ Draft 2009 Bioaccumulation Tissue Chemistry Data. On 19 Sep 11, received data. Review underway. ○ Low Resolution Coring Report. On 25 Jan 11, comments submitted to CPG from EPA. On 27 Jul 11, the CPG submitted a revised LRC Report (and invoked dispute resolution). On 19 Sep 11, provided EPA with comments on the revised report. ○ Other reports and status are listed in CDM reporting and email summary table from S. Budney. ▪ FS Work Plan. On 17 Jan 11, submitted comments on the draft FS Work Plan to EPA. Open. ▪ CDM Data Manager/Website/Digital Library. <ul style="list-style-type: none"> ○ Received hard copy data from LBG. ○ Continue to load EDDs and provide information to team members as requested. ▪ CPG Risk Assessment Technical Memos, comments submitted to CPG on 10 Sep 10. Additional clarifications provided by EPA to the CPG on 5 Nov 10. On 10 Feb 11, received the revised RARC with attachments, Terms Sheet and Position Papers for EPA review. <ul style="list-style-type: none"> ○ Draft Data Usability and Data Evaluation Plan. On 1 Apr 10, EPA provided comments to the CPG. ○ Draft Risk Analysis & Risk Characterization Plan. On 20 Jun 11, EPA forwarded all comments for final check. Continued discussion with EPA regarding some of the comments. On 1 Jul 11, submitted revised fish ingestion rate paper and calculations. On 10 Aug 11, the CPG submitted the Revised RARC (posting on SharePoint). Review of this document is on hold. ○ Draft Approach for Developing Ecological Effect Thresholds (Threshold Reference Value, TRV) Memo. The 10 Sep 10 EPA letter to CPG indicates the TRV memo was inadequate to review. On 10 Aug 11, the CPG submitted the Revised TRV (posting on SharePoint). On 15 Sep 11, CDM provided comments to EPA.

Progress Report for EPA Region II

Contractor Actions/ Accomplishments	<ul style="list-style-type: none"> ▪ Modeling. <ul style="list-style-type: none"> ○ On 12, 15 and 26, Sep 11, modeling coordination calls were held. Continuing collaboration with the CPG on various work tasks. On 7 Sep 11, meeting between CPG modelers and HQL. ○ On 29 Sep 11, monthly modeling collaboration meeting held. LBG <ul style="list-style-type: none"> ▪ 2009 Fish and Benthic Sampling Oversight Report. On 27 Sep 11, submitted split sample comparison text and data comparison figures for fish and benthic tissue samples.
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Projected Work, Meetings Milestones FY2011. Current Status of Work Products.

Narrative	<p>Note – Most recent CPG full schedule update was received on 18 Feb 10. On 2 Dec 10, received informal list of report submittals from the CPG. On 31 Mar 11, approximate dates were provided for some deliverables.</p> <ul style="list-style-type: none"> ▪ Technical memoranda. On 10 Sep 10, EPA provided letter with combined comments on the three documents listed below. On 12 Oct 10, the CPG responded to the EPA comments. On 5 Nov 10, EPA provided response with clarification to the earlier comments. On 10 Feb 11, the CPG submitted revised RARC with attachments, Terms Sheet and Position Papers for EPA review. <ul style="list-style-type: none"> ○ Data Usability Assessment/Data Evaluation Plan. On 26 Feb 10, Plan submitted. On 1 Apr 10, comments provided to CPG. These comments were referenced in the 10 Sep 10, letter as outstanding for CPG to respond. ○ Regional Urban Background, Risk Analysis/Risk Characterization Plan (RARC) and COPC Selection Memo. On 16 Apr 10, Memo submitted. On 10 Aug 11, the CPG submitted the Revised RARC. ○ Ecological Effects Threshold Tech Memo (Threshold Reference Value). On 10 May 10, TM submitted. On 10 Aug 11, the CPG submitted revised TRV Memo. On 15 Sep 11, CDM submitted comments to EPA. ▪ CPG Planning Documents: <ul style="list-style-type: none"> ○ RM 10.9 QAPP; Hydrodynamic survey. On 8 Sep 11, the CPG submitted draft QAPP. On 22 Sep 11, CDM provided comments to EPA. On 28 Sep 11, the CPG provided responses to comments. On 29 Sep 11, CDM provided feedback on the CPG RTC. ▪ CPG Reports: <ul style="list-style-type: none"> ○ Summer 2010 Habitat Survey Data Report. On 7 Mar 11, draft report submitted to EPA. On 24 Mar 11, CDM submitted comments to EPA. 7 Apr 11, EPA submitted comments to CPG. On 17 Jun 11, the CPG submitted revised report. On 11 Jul 11, CDM submitted comments to EPA. On 13 Jul 11, EPA provided comments to CPG. ○ Benthic Fall 2009 Community Field Report. On 11 Oct 10, CDM submitted comments on draft report. On 2 Mar 11, EPA provided comments to the CPG. On 17 Jun 11, the CPG submitted the revised report. On 23 Jun 11, CDM submitted comments to EPA. On 29 Jun 11, EPA provided comments to the CPG. ○ Data Summary Report/Low Resolution Coring Report submitted 9 Mar 10. On 28 Jun 10, comments provided to CPG. On 25 Jan 11, additional comments provided to the CPG. On 26 Jul 11, the CPG submitted revised report. On 19 Sep 11, CDM submitted comments to EPA on revised report. ○ Benthic Invertebrate 2010 Spring/Summer Community Report. On 17 Jun 11, the CPG submitted the initial report for review. On 21 Jul 11, CDM submitted comments to EPA. On 27 Jul 11, EPA provided comments to the CPG. ▪ Sediment Stability/ Periodic Bathymetry Surveys/Post Storm Bathymetry Surveys. On 28 Jan 11, EPA provided comments on the June 2010 Survey Draft Report. On 16 May 11, revised report received. On 7 Jun 11, comments submitted to EPA. On 14 Jun 11, EPA provided comments to CPG.
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Projected Work, Meetings Milestones FY2011. Current Status of Work Products (cont.)

Meetings	<ul style="list-style-type: none"> • Continuation of bi-weekly progress calls and additional coordination meetings/conference calls with CPG.
Key Milestones Forthcoming	<ul style="list-style-type: none"> • Several submittals as noted above; future dates not specific without updated schedule.

Progress Report for EPA Region II

Issues	
Technical:	<ul style="list-style-type: none"> Risk Assessment Technical Memoranda. Several TM's submitted by the CPG still require coordination and approval by EPA. Low Resolution Coring (LRC) Characterization Summary Report. The CPG has invoked dispute resolution on this document and coordination is underway to resolve the issues.
Schedule	<ul style="list-style-type: none"> Full schedule updates not provided by the CPG. The CPG has provided some report submittal dates; these will be noted within this report upon actual document receipt. Note will be removed from next report and specific issues with scheduling will be noted as necessary.
Funding:	<ul style="list-style-type: none"> None at this time.

IAG Summary: Technical Assistance						
Amendment Funding						
USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG
410,000	0	Initial	9/6/07	-	-	\$ 410,000
290,000	0	1	6/3/08	-	-	\$700,000
75,000	0	2	12/31/08	-	-	\$775,000
85,000	0	3	2/19/09	-	-	\$860,000
50,000	0	4	6/23/09	-	-	\$910,000
576,665	0	5	7/27/09	-	-	\$1,486,665
500,000	0	6	8/7/09	-	-	\$1,986,665
789,000	0	7	12/1/09	-	-	\$2,775,665
300,000	0	8	2/24/10	-	-	\$3,075,665
140,000	0	9	4/27/10	-	-	\$3,225,665
510,000	0	0	5/24/10	-	-	\$3,735,665
400,000	0	0	9/14/10	-	-	\$4,135,665
745,000	0	0	4/8/11	-	-	\$4,880,665
150,000	0	0	8/31/11	-	-	\$5,030,665

Progress Report for EPA Region II

Summary of Funds Spent Per Activity & Funding Remaining				
Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
MPI: Contract W912DQ-06-D-0006; Task Order 0020; awarded 21 Sep 07	\$349,601.00	\$0.00	\$349,601.00	\$0.00
MPI: Contract W912DQ-06-D-0006; Task Order 0020/Mod 1; awarded 19 Jun 08	\$274,903.00	\$0.00	\$267,213.93	\$7,689.07
MPI: Contract W912DQ-08-D-0017; Task Order 0010; awarded 16 Jan 09	\$65,000.00	\$0.00	\$65,000.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 1; awarded 5 Mar 09	\$69,772.00	\$0.00	\$69,772.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 2; awarded 24 Jun 09	\$49,756.00	\$0.00	\$49,756.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 3; awarded 3 Aug 09	\$378,843.00	\$0.00	\$378,843.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 4; awarded 28 Aug 09	\$279,277.00	\$0.00	\$279,277.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 6; awarded 29 Dec 09 ^{Note 1}	\$211,881.00	\$0.00	\$211,881.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 7; awarded 9 Jul 10	\$52,892.00	\$0.00	\$52,892.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 8; awarded 28 Dec 10	\$54,473.00	\$0.00	\$8,564.63	\$45,908.37
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Base Contract; awarded 6 Aug 09 (verbal 31 Jul 09)	\$160,000.00	\$0.00	\$160,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 1; awarded 22 Aug 09	\$175,902.00	\$0.00	\$175,902.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 3; awarded 23 Dec 09 ^{Note 2}	\$493,000.00	\$0.00	\$493,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 7; 3 Mar 10 ^{Note 3}	\$283,000.00	\$0.00	\$283,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 8; awarded 14 May 10	\$140,000.00	\$0.00	\$140,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 9; awarded 9 Jun 10	\$375,000.00	\$167,164.00	\$375,000.00	\$0.00
CDM: Contract W912DQ-08-D-0017/8; Task Order 0014/Mod 10; awarded 21 Oct 10 ^{Note 4}	\$299,923.00	\$44,843.00	\$44,843.00	\$255,080.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 11; awarded 27 Dec 10 ^{Note 5}	See note 5	\$0.00	\$0.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 12; awarded 4 May 11 ^{Note 6}	\$645,000.00	\$0.00	\$0.00	\$645,000.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 13; awarded 19 Sep 11	\$150,000.00	\$0.00	\$0.00	\$150,000.00
Contract Funds Available	\$11,342.00	\$0.00	\$0.00	\$11,342.00
Subtotal - Summary of Contracts awarded under W912 (total reflects block award on Page 2 of 5)	\$4,512,000.00	\$172,007.00	\$3,021,113.93	\$1,318,886.07
Kansas City Corps In-House Labor/Travel	\$359,130.00	\$3,677.71	\$235,390.32	\$123,739.68
Superfund M&S Fee	\$74,470.00	\$0.00	\$50,789.34	\$23,680.66
MIPR/ERDC - Hayter/Gailani; CPG Modeling Support	\$53,000.00	\$469.57	\$45,576.32	\$7,423.68
MIPR/ERDC - Estes; Decon Technology Support	\$24,500.00	\$2,327.58	\$19,380.74	\$5,119.26
Subtotal - Summary of Labor/M&S Fee	\$511,100.00	\$6,474.86	\$355,136.72	\$155,563.22
Grand Total - Contract/Corps	\$5,030,665.00	\$218,481.86	\$3,755,682.28	\$1,274,982.72

Progress Report for EPA Region II**Notes on above table:**

Note 1: MPI/LBG TO 0010 Mod 5 is admin, zero dollar mod

Note 2: CDM TO 0014 Mod 2 is admin, zero dollar mod.

Note 3: CDM TO 0014 Mods 4, 5, & 6 were skipped in system numbering

Note 4: CDM TO 0014/Mod 10 totals \$362,923; \$63,000 is Newark Bay funding for IT transition.

Note 5: CDM TO 0014/Mod 11 totals \$74,426; \$50,000 is Passaic FFS funding and \$24,426 is Newark Bay funding for IT transition.

Note 6: CDM TO 0014/Mod 12 totals \$682,426; \$37,426 is Passaic FFS funding for IT/transition.

IAG Scope of Work Summary (block 13 of IAG)

This amendment obligates \$XX (see amounts above for base and amendments) to the U.S. Army Corps of Engineers - Kansas City District to provide/continue oversight of the CPG's performance of Remedial Investigation and Feasibility Study at the Diamond Alkali OU4 Superfund Site (EPA ID: NJD980528996)

Project Delivery Team

<i>Name</i>	<i>Contact Information</i>	<i>Responsibility</i>
Beth Buckrucker	(816) 389-3581 Cell: (816) 695-5797	Project Manager
Bonnie Lowe	(816) 389-3803	Contract Specialist
Shelley Thomas	(816) 389-3842	Contracting Officer
Dawn Wade	(816) 389-3721	Attorney
Julia Kisser	(816) 389-3874	COR

Prepared by: Elizabeth Buckrucker
Project Manager
8 November 2011

PROGRESS REPORT

Site Name: Lower Passaic River Restoration Project and & Superfund Site
 Project: Task Order 014 CPG Oversight
 Prepared by: Frank Tsang
 Representing: CDM Federal Programs Corporation (CDM)
 Date: August 15, 2011
 Reporting Period: July 3, 2011 - July 30, 2011

1. **Progress Made this Reporting Period** – CDM performed the following activities during this period:

WAD 1, Work Order 1 – Project Management and Administration

1.1.1 Project Management

- CDM performed project management including staffing, financial monitoring, invoicing, and participating in conference calls.

1.1.2 Project Support Documentation & Administration

- CDM prepared and submitted the monthly progress report.

1.1.3 Subcontract Administration

- CDM prepared modification for HQI subcontract.

1.1.4 Project Communication

- On July 12 and 26, CDM participated in biweekly conference calls.

WAD 1, WO3 – Technical Advisory Committee

- Bob Ambrose, Alan Blumberg, Roger Flood and Dominic Di Toro are on board as TAC members.

Item	TAC Member	Budgeted Amount	Authorized Amount	Payment	Forecast	Remarks
1		\$13,573				
2	Ambrose		\$6,600	\$1,600		Review Hg memo Review Organic Carbon TM
3	Blumberg		\$6,200			
4	Flood		\$4,600	\$3,558		Attend Sed Stability mtg.
5	WVN2	\$4,600				
6	WVN3	\$15,160				
7	Di Toro		\$8,200		\$2,000	Review organic carbon model tech memo
Total		\$33,333	\$17,400	\$5,158		

WAD 2, Work Order 1 - Transitional Tasks

2.1.1 Background document Review

- Work completed.

2.1.2 Transition Meetings

- Work completed.

2.1.3 Fish Tissue Oversight

- Work completed.

2.1.4 Benthic Survey Oversight

- Work completed.

2.1.5 PWCM Oversight

- Work completed.

2.1.6 PREmis Review

- Work completed.

2.1.7 Low Resolution Coring Report

- Received the Revised Low Resolution Coring Report for review on 26 July. No charges incurred in July.

2.1.8 Fish Community Report

- Work Completed.

2.1.9 Fish 2010 Winter Community Survey Oversight

- Work completed.

WAD2, Work Order 2 - Work Planning: Oversight & Communication

2.2.1 Fish Tissue and Benthic QAPP Addenda Review

- Work completed.

2.2.2 Water Column, Chemical Data QAPP

- CDM submitted comments on the CPG SV Chemical Water Column QAPP Revision 1 and the PE Plan Memo on Revision 1 on 27 July.

2.2.4 Human Health Risk Exposure Assessment

- Work completed.

2.2.5 Avian Survey QAPP Review

- Work completed.

2.2.6 Habitat Survey QAPP

- Work completed.

2.2.7 Water Column, Physical Data QAPP

- Work completed.

2.2.8 Risk Assessment Technical Memorandum

- Work completed.

2.2.9 Technical Communication

- No Activities.

2.2.10 RM 10.9 Work Plan Review

- Completed review RM 10.9 QAPP – Bathymetry Survey – comments submitted to EPA on 5 July; reviewed response to comments and submitted comments on 11 July; reviewed revised QAPP and submitted comments on 13 July.
- RM 10.9 QAPP – Sediment Sampling – comments submitted to EPA on 14 July.

WAD2, Work Order 3 – Field Work Sampling Oversight

2.3.1 CDM Work Plan Preparation (QAPP & HASP)

- After incorporating EPA comments, CDM submitted Final QAPP Addendum 8 for CWCW on 3 Aug.

2.3.2 Fish Tissue and Benthic Sampling Oversight

- Coordinated with CPG to determine CPG analysis and CDM splits. Sample was shipped to CDM subcontract laboratory on 27 July.

2.3.4 Avian Survey Oversight

- Work completed.

2.3.5 Habitat Survey Oversight

- Work completed.

2.3.6 Bathymetry Periodic Survey Oversight

- No activities.

2.3.7 Water Column, Physical data Sampling Oversight

- Work completed.

2.3.8 RM 10.9 Oversight

- Initiated preparation of CDM QAPP Addendum 9 for the RM 10.9 oversight and split sampling activities.

WAD2, Work Order 4 – Report/Products: Oversight and Communications

2.4.1 CPG Report Review

- Reviewed Draft Spring and Summer Benthic Report dated 17 June – submitted comments on 21 July.
- Revised 2010 Fish Community Survey and Tissue Report dated June 21, 2011 – submitted comments on 18 July.
- Revised Habitat Identification Survey Report dated June 17, 2011 and response to comments – submitted comments on 11 July.
- Draft Spring and Summer 2010 Benthic Invertebrate Community Survey dated June 17, 2011 – comments submitted to EPA on 21 July.

WAD 2, Work Order 5 – Data Manager

Data/Information Transfer:

- CDM 2010 sediment and tissue split sample data EDDs with validation qualifiers – are in the queue for data entry.
- Delivered initial tissue data set to NOAA for evaluation and comment.

Webpage and Database Development:

- Continuing work on migrating PREmis historical database.
- Received application source codes used for PREmis analytical database.
- Conducted 2 training sessions for SharePoint document search

WAD 3, Work Orders 1 and 2 – General Communication (with HQI/CPG)

- Attended bi-weekly calls on July 12 and 26
- Oversight: Worked on developing/updating bathymetry for 2009/2010 hydro/sedtran model at request of CPG
- Collaboration:
 - Meeting with CPG modeling team on 7/15: review current status of sediment transport modeling efforts being conducted by USEPA and CPG teams; discussion of sediment stability proposal by CPG, discussion of Newark Bay wave model; update of Sea Engineering efforts of PWCM backscatter and solids estimates
 - Phone calls with CPG: 7/11, 7/12, 7/14 to finalize 7/15 agenda, plots and logistics ; 7/25 follow up on action items from 7/15 meeting ; 7/26 and 7/27 to discuss information and procedures for running sedtran -> carbon model -> toxics models
 - Work efforts: transferred model updates (bedforms, smooth-turbulent flow and improved run times) to CPG, prep for 7/15 meeting; transfer files and information necessary to run carbon and toxics models (inputs/linkages/outputs); SEA Engineering work on LPR and Newark Bay ABS data analysis.

Item	Subcontract	Authorized Amount	Payment	Forecast	Remarks
1	HQI	\$308,051	\$204,305	\$30,577	May invoices
2	Kern	\$5,200	\$2,779	\$0	

WAD 4, Work Order 3 – Review/Coordinate CPG Risk Assessment

- Submitted revised fish ingestion paper and calculations 1 July

2. **Anticipated Problems and Recommended Solutions** – None.
3. **Problems Resolved** – N/A.
4. **Upcoming Events/Activities Planned** – CDM will continue working on the following activities:

- Participate in biweekly calls
- Review CPG documents when received
- Finalize QAPP Addendum 9 for RM 10.9 sampling
- Prepare for SV CWCM sampling event to start 15 August 2011
- Review CPG QAPP Revisions for RM 10.9 and prepare for field work 22 August
- Continue on database management and historical data upload

5. **Key Staffing Changes** - None

6. **Budget** - See below table for negotiated budget and funded amount. See attached spreadsheet for expenditure details.

Item	ATP/WVN	Modification	Negotiated Amount	Funded Amount	Remarks
1			\$1,522,305		
2	ATP 1	0		\$160,000	Add fund
3	ATP 2	1		\$175,902	Add fund
		2			Correct negotiated amount on Mod 1
4	ATP 3/ WVN1	3		\$493,000	Add fund and scope
5	WVN2			0	Add scope and transfer fund
		Skipped 4, 5 & 6			
6	ATP 4/WVN3	7		\$283,000	Add fund and scope
7	ATP 5	8	\$1,274,734	\$140,000	Add fund and scope
8	ATP 6	9		\$375,000	Add fund
9	ATP 7/WVN 4	10		0	Add scope and fund
10	ATP 8/WVN 5	10	\$266,351	\$362,923	Add scope and fund
11	ATP 9/WVN 6	11	\$98,737	\$74,426	Add scope and fund
12	ATP 10		0	0	Transfer funds among WEs
13	WVN 7		\$438,364		Add scope
14	ATP 11			\$682,426	Add scope and fund
15	WVN 8 (Preliminary)		\$179,765 (Not negotiated)		Add scope
16	ATP 12		0	0	Transfer funds among WEs
Total			\$3,600,491	\$2,746,677	

7. Deliverables Submitted

<u>Title</u>	<u>Date Submitted</u>
Kickoff Meeting Minutes	September 9, 2009
Consent package for HQI	October 30, 2009
Status Report (October, November, and December 2009) Oversight PWCM	December 17, 2009
Updated COI forms for CDM	January 18, 2010
COI forms for HQI and subconsultants	February 3, 2010
Draft PWCM and Generic QAPP	February 4, 2010
Draft Accident Prevention Plan	February 10, 2010
Final Accident Prevention Plan	February 25, 2010
Status Report (February 1 to 24, 2010) Oversight of the 2010 Winter Fish Community Survey	March 1, 2010
Final PWCM QAPP	March 10, 2010
Comments on Draft Data Usability and Data Evaluation Plan	March 19, 2010
Field Change Request 1 - Flood Event	March 29, 2010
Status Report (March 2010) Oversight of PWCM	April 5, 2010
Field Change Request 2 - Extra Split Sample	April 6, 2010
Comments on Draft Low Resolution Coring Characterization Summary	April 16, 2010
Comments on Draft Fish/Decapod QAPP Addendum No. 3	April 30, 2010
Comments on Draft Benthic QAPP Addendum No. 1	April 30, 2010
Comments on Draft Fish/Decapod QAPP Addendum No. 2	May 7, 2010
Comments on Draft Risk Analysis and Risk Characterization Plan	May 10, 2010
Status Report (May 2010) Oversight of PWCM	May 12, 2010
Draft QAPP Addendum 1 (Avian Community Survey)	May 11, 2010
Status Report (April 6 and May 12, 2010) Oversight Of Wet Weather Sampling	May 18, 2010
Field Change Request 3	May 20, 2010
Draft QAPP Addendum 2 (Late Spring/Early Summer Fish Community Survey)	May 20, 2010
Comments on Periodic Bathymetric Surveys QAPP	May 24, 2010
Draft QAPP Addendum 3 (Benthic Invertebrate Community Survey)	May 25, 2010
Final QAPP Addendum 2 (Late Spring/Early Summer Fish Community Survey)	June 8, 2010
Final QAPP Addendum 3 (Benthic Invertebrate Community Survey)	June 8, 2010
Observation Summary Report (June 2010) Oversight of CPG Multi-beam Sonar Bathymetric Survey	June 16, 2010

(SEI) Draft QAPP Addendum 4 (Co-located Sediment Samples)	June 24, 2010
Comments on CPG Final Benthic QAPP Addenda 3 & 4	June 24 & 25, 2010
Comments on CPG Draft Benthic QAPP Addendum 3 - Habitat ID Survey	June 25, 2010
Status Report (May 19 to 25, 2010) Oversight of PWCM	July 2, 2010
Status Report (June 2010) Oversight of PWCM	July 2, 2010
Draft QAPP Addendum 5 (Fish Tissue Analysis)	July 7, 2010
Draft QAPP Addendum 6 (Habitat ID Survey)	July 9, 2010
Final QAPP Addendum 4 (Co-located Sediment Samples)	July 9, 2010
Status Report (May 24 to 28, 2010) Oversight of the Late Spring/Early Summer 2010 Fish Tissue Collection for Chemical Analysis	July 23, 2010
Status Report (June 2 to 11, 2010) Oversight of the Spring 2010 Benthic Macroinvertebrate Survey	July 23, 2010
Status Report (July 2010) Oversight of PWCM	August 3, 2010
CDM QAPP Addendum 6 - habitat identification Survey	August 9, 2010
Status Report (June 23 to August 9, 2010) Oversight of the 2010 Summer Fish Community Survey	August 11, 2010
CDM submitted Final QAPP Addendum 5 (fish tissue sampling)	August 24, 2010
Status Report (July 27 to August 16, 2010) Oversight of the Summer 2010 Benthic Macroinvertebrate Survey and Co-Located Surface Sediment Sampling For Chemical Analysis	August 26, 2010
Technical Memorandum Exposure Parameter Assumptions for the LPRSA HHRA	September 2, 2010
Status Report (August 16 to 20, 2010) Oversight of the Summer 2010 Avian Survey	September 2, 2010
Comments on CPG Proposed Analysis Plan for the Small Forage Fish Tissue Samples	September 7, 2010
Comments on Protocol Modification Forms - CPG Fish and Benthic QAPPs	September 23, 2010
Comments on the CPG Draft Benthic Invertebrate Community Survey and Benthic Field Data Collection Report for the LPRSA Fall 2009 Field Effort	October 11, 2010
Status Report (September 20 to 23, 2010) Oversight of the 2010 Habitat Survey	October 14, 2010
Comments on CPG Draft Small Volume CWCM QAPP	October 15, 2010
Status Report (November 4, 2010) Oversight of Wet Weather Sampling	November 9, 2010
Comments on Caged Bivalve Pilot Study Memo	November 17, 2010
Status Report (October 11 to 15, 2010) Oversight of	November 19, 2010

the Fall 2010 Avian Surveys	
Comments on Periodic Bathymetry Survey Report June 2010 Multibeam Survey dated November 2010	January 6, 2011
Status Report (November 22, 2010 to January 6, 2011) Oversight of the Caged Bivalve Pilot Study	January 7, 2011
Comments on Revised Draft FS Work Plan	January 17, 2011
Revisions to Exposure Parameter Assumptions for LPRSA Human Health Risk Assessment	February 2, 2011
Comments on Draft Fish Community Survey and Tissue Collection Data Report 2010 Field Efforts	February 3, 2011
Comments on the Effect of Application of a Correction Factor on Chlorinated Dibenzo-p-dioxins and Dibenzofuran Results Produced by Columbia Analytical Services for LPR Sediment Samples	February 14, 2011
Status Report (January 23 to 27, 2010) Oversight of The Winter 2011 Avian Surveys	February 16, 2011
Comments on CPG Draft Caged Bivalve Study Addendum No. 4 to the Benthic QAPP	February 18, 2011
Comments on CPG Draft Habitat Identification Survey Data Report for the LPRSA Fall 2010 Field Effort dated March 4, 2011	March 24, 2011
Comments on CPG Revised Risk Analysis and Risk Characterization Plan for the LPRSA Draft dated February 10, 2011	April 8, 2011
CDM QAPP Addendum 7 - Caged Bivalve Study	May 2, 2011
Comments on CPG Response to SV CWCM QAPP Comments	May 2, 2011
Comments on CPG Draft Avian Community Survey Data Report Summer and Fall 2010	May 18, 2011
Comments on CPG Revised Periodic Bathymetry Survey Report June 2010 Multibeam Survey dated April 2011	June 7, 2011
Comments on CPG Revised Fall 2009 Benthic Invertebrate Community Survey and Benthic Field Data Collection Report Dated June 17, 2011	June 23, 2011
Comments on the Bathymetry Survey portion of the River Mile 10.9 Characterization QAPP dated June 2011	July 5, 2011
Comments on RTC on RM 10.9 QAPP Bathymetry Survey	July 11, 2011
Comments on CPG Revised Habitat Identification Survey Data Report dated June 17, 2011	July 11, 2011
Comments on revised portion of RM 10.9 QAPP Bathymetry Survey	July 13, 2011
Comments submitted on RM 10.9 QAPP Sediment Sampling	July 14, 2011
Comments on Revised 2010 Fish Community Survey and Tissue Report dated June 21, 2011	July 18, 2011

Comments on Draft Spring and Summer Benthic Report dated 17 June	July 21, 2011
Comments on the CPG SV CWCM QAPP Rev 1 and the PE Plan Memo on Revision 1	July 27, 2011
CDM Final QAPP Addendum 8 for SV CWCM	August 3, 2011

PROGRESS REPORT

Site Name: Lower Passaic River Restoration Project and & Superfund Site
 Project: Task Order 014 CPG Oversight
 Prepared by: Frank Tsang
 Representing: CDM Federal Programs Corporation (CDM)
 Date: September 12, 2011
 Reporting Period: July 31, 2011 - August 27, 2011

1. **Progress Made this Reporting Period** - CDM performed the following activities during this period:

WAD 1, Work Order 1 - Project Management and Administration

1.1.1 Project Management

- CDM performed project management including staffing, financial monitoring, invoicing, and participating in conference calls.
- 2 Aug - submitted ATP 13 and WVN 9. Received Approval on 3 August.

1.1.2 Project Support Documentation & Administration

- CDM prepared and submitted the monthly progress report.

1.1.3 Subcontract Administration

- Sent subcontract modification to HQI to re-distribute the fund on 4 August.
- CDM prepared and submitted to USACE on 29 August consent packages for HQI and Axys Laboratory subcontracts to increase the subcontract capacities.

1.1.4 Project Communication

- On August 8 and 23, CDM participated in biweekly conference calls.
- CDM participated on conference calls on August 1 and 2 to discuss HQI subcontract funding issues.

WAD 1, WO3 - Technical Advisory Committee

- Bob Ambrose, Alan Blumberg, Roger Flood and Dominic Di Toro are on board as TAC members.

Item	TAC Member	Budgeted Amount	Authorized Amount	Payment	Forecast	Remarks
1		\$13,573				
2	Ambrose		\$6,600	\$1,600		Review Hg memo Review Organic Carbon TM
3	Blumberg		\$6,200			
4	Flood		\$4,600	\$3,558		Attend Sed Stability mtg.
5	WVN2	\$4,600				
6	WVN3	\$15,160				
7	Di Toro		\$8,200		\$2,000	Review organic carbon

						model tech memo
Total		\$33,333	\$17,400	\$5,158		

WAD 2, Work Order 1 – Transitional Tasks

2.1.1 Background document Review

- Work completed.

2.1.2 Transition Meetings

- Work completed.

2.1.3 Fish Tissue Oversight

- Work completed.

2.1.4 Benthic Survey Oversight

- Work completed.

2.1.5 PWCM Oversight

- Work completed.

2.1.6 PREmis Review

- Work completed.

2.1.7 Low Resolution Coring Report

- Performed review of the Revised Low Resolution Coring Report.

2.1.8 Fish Community Report

- Work Completed.

2.1.9 Fish 2010 Winter Community Survey Oversight

- Work completed.

WAD2, Work Order 2 - Work Planning: Oversight & Communication

2.2.1 Fish Tissue and Benthic QAPP Addenda Review

- Work completed.

2.2.2 Water Column, Chemical Data QAPP

- CDM reviewed a Revision 2 of the CPG SV Chemical Water Column QAPP as wells as a field modification.

2.2.4 Human Health Risk Exposure Assessment

- Work completed.

2.2.5 Avian Survey QAPP Review

- Work completed.

2.2.6 Habitat Survey QAPP

- Work completed.

2.2.7 Water Column, Physical Data QAPP

- Work completed.

2.2.8 Risk Assessment Technical Memorandum

- Work completed.

2.2.9 Technical Communication

- No Activities.

2.2.10 RM 10.9 Work Plan Review

- 8 August submitted comments on the CPG Revised RM 10.9 Sediment QAPP. Submitted comments on CPG Field Mod 110822-1 on 23 & 24 August.

WAD2, Work Order 3 – Field Work Sampling Oversight

2.3.1 CDM Work Plan Preparation (QAPP & HASP)

- After incorporating EPA comments, CDM submitted Final QAPP Addendum 8 for CWCM on 3 Aug.

2.3.2 Fish Tissue and Benthic Sampling Oversight

- Incurred shipping costs to ship caged bivalve samples to the CDM subcontract laboratory.

2.3.3 Water Column, Chemical Data Oversight

- SV CWCM LPR oversight conducted on 15 to 17 August.

2.3.4 Avian Survey Oversight

- Work completed.

2.3.5 Habitat Survey Oversight

- Work completed.

2.3.6 Bathymetry Periodic Survey Oversight

- Work completed.

2.3.7 Water Column, Physical data Sampling Oversight

- Work completed.

2.3.8 RM 10.9 Oversight

- 16 August submitted Draft QAPP Addendum 9 for RM 10.9 sediment sampling. Finalize QAPP Addendum 9 for RM 10.9 sampling on 25 August.
- RM 10.9 Sediment sampling oversight performed 24 and 25 August. The sampling was suspended due to hurricane event and will resume in September.

WAD2, Work Order 4 – Report/Products: Oversight and Communications

2.4.1 CPG Report Review

- 1 Aug submitted comments to EPA on the 2010 Avian summer/Fall Survey Field Report.
-

WAD 2, Work Order 5 - Data Manager

Data/Information Transfer:

- Generated and posted 34 contaminant map figures to SharePoint according to specifications received from the partner agencies.
- Coordinated with LBG to accept hard copy data
- Delivered 2009 and 2010 sediment and tissue data sets to NOAA in their required format, currently updating the tissue data sets based on comments received from NOAA. The 2008 data set was delivered on 9 September..

Webpage and Database Development:

-
- Continuing work on migrating PREmis historical database.
- Updated the search capabilities on SharePoint document site so that the search can now search the text of pdf files and not just the titles. This does not include pdf files created from scanned documents.
- Held a SharePoint document search training session via web based live meeting on 2 August.

WAD 3, Work Orders 1 and 2 - General Communication (with HQI/CPG)

- CPG Oversight: Bi-weekly calls on: 8/8 and 8/23
- CPG Collaboration:
 1. Conference Calls:
 - 8/1 call with Ed, Frank, Beth, Eugenia and Jim re funding and request for additional funding to cover SEI
 - 8/9 call with James and Rooni to discuss sediment transport model inputs, next meeting date, RCATOX/ST-SWEM model requests
 2. Meetings: None
 3. General Work:

Transferred model inputs for sedtran, ST-SWEM, and RCA-TOX used to generate previously transferred outputs. 8/10 email to Rooni with a description of the linkages between the sedtran, ST-SWEM, and RCA-TOX models and description of the contents of the linkage files and steps required to process them between running the different models. Rooni requested that we look at an issue they were seeing with a shear stress calculated with the original and modified code while running sensitivities. We ran our model with our inputs for the same time period with both codes and were unable to reproduce their observation of a shear stress going to zero with the original code and spiking upward with the new code.

Item	Subcontract	Authorized Amount	Payment	Forecast	Remarks
1	HQI	\$400,098	\$339,288	-\$20,285	July invoice, with credit from prior charges
2	HQI	\$142,742	\$0	\$78,240	May thru July invoice
3	Kern	\$5,200	\$2,779	\$0	

WAD 4, Work Order 3 - Review/Coordinate CPG Risk Assessment

- Reviewing TRV Report - received from CPG on 10 Aug.
- Supporting EPA respond to CPG dispute.

2. **Anticipated Problems and Recommended Solutions** - None.

3. **Problems Resolved** - N/A.

4. **Upcoming Events/Activities Planned** - CDM will continue working on the following activities:

- Participate in biweekly calls
- Review CPG documents when received
- Continue oversight field work for RM 10.9
- Continue on database management and historical data upload
- Support EPA responding to CPG dispute

5. **Key Staffing Changes** - None

6. **Budget** - See below table for negotiated budget and funded amount. See attached spreadsheet for expenditure details.

Item	ATP/WVN	Modification	Negotiated Amount	Funded Amount	Remarks
1			\$1,522,305		
2	ATP 1	0		\$160,000	Add fund
3	ATP 2	1		\$175,902	Add fund
		2			Correct negotiated amount on Mod 1
4	ATP 3/ WVN1	3		\$493,000	Add fund and scope
5	WVN2			0	Add scope and transfer fund
		Skipped 4, 5 & 6			
6	ATP 4/WVN3	7		\$283,000	Add fund and scope
7	ATP 5	8	\$1,274,734	\$140,000	Add fund and scope
8	ATP 6	9		\$375,000	Add fund
9	ATP 7/WVN 4	10		0	Add scope and fund
10	ATP 8/WVN 5	10	\$266,351	\$362,923	Add scope and fund
11	ATP 9/WVN 6	11	\$98,737	\$74,426	Add scope and fund
12	ATP 10		0	0	Transfer funds

					among WEs
13	WVN 7		\$438,364		Add scope
14	ATP 11			\$682,426	Add scope and fund
15	WVN 8 (Preliminary)		\$179,765 (Not negotiated)		Add scope
16	ATP 12		0	0	Transfer funds among WEs
17	WVN 9 (preliminary)		\$585,489 (not negotiated)	0	Add scope
18	ATP 13		0	0	Transfer funds among WEs
Total			\$3,600,491	\$2,746,677	

7. Deliverables Submitted

<u>Title</u>	<u>Date Submitted</u>
Kickoff Meeting Minutes	September 9, 2009
Consent package for HQI	October 30, 2009
Status Report (October, November, and December 2009) Oversight PWCM	December 17, 2009
Updated COI forms for CDM	January 18, 2010
COI forms for HQI and subconsultants	February 3, 2010
Draft PWCM and Generic QAPP	February 4, 2010
Draft Accident Prevention Plan	February 10, 2010
Final Accident Prevention Plan	February 25, 2010
Status Report (February 1 to 24, 2010) Oversight of the 2010 Winter Fish Community Survey	March 1, 2010
Final PWCM QAPP	March 10, 2010
Comments on Draft Data Usability and Data Evaluation Plan	March 19, 2010
Field Change Request 1 - Flood Event	March 29, 2010
Status Report (March 2010) Oversight of PWCM	April 5, 2010
Field Change Request 2 - Extra Split Sample	April 6, 2010
Comments on Draft Low Resolution Coring Characterization Summary	April 16, 2010
Comments on Draft Fish/Decapod QAPP Addendum No. 3	April 30, 2010
Comments on Draft Benthic QAPP Addendum No. 1	April 30, 2010
Comments on Draft Fish/Decapod QAPP Addendum No. 2	May 7, 2010
Comments on Draft Risk Analysis and Risk Characterization Plan	May 10, 2010

Status Report (May 2010) Oversight of PWCM	May 12, 2010
Draft QAPP Addendum 1 (Avian Community Survey)	May 11, 2010
Status Report (April 6 and May 12, 2010) Oversight Of Wet Weather Sampling	May 18, 2010
Field Change Request 3	May 20, 2010
Draft QAPP Addendum 2 (Late Spring/Early Summer Fish Community Survey)	May 20, 2010
Comments on Periodic Bathymetric Surveys QAPP	May 24, 2010
Draft QAPP Addendum 3 (Benthic Invertebrate Community Survey)	May 25, 2010
Final QAPP Addendum 2 (Late Spring/Early Summer Fish Community Survey)	June 8, 2010
Final QAPP Addendum 3 (Benthic Invertebrate Community Survey)	June 8, 2010
Observation Summary Report (June 2010) Oversight of CPG Multi-beam Sonar Bathymetric Survey	June 16, 2010
(SEI) Draft QAPP Addendum 4 (Co-located Sediment Samples)	June 24, 2010
Comments on CPG Final Benthic QAPP Addenda 3 & 4	June 24 & 25, 2010
Comments on CPG Draft Benthic QAPP Addendum 3 - Habitat ID Survey	June 25, 2010
Status Report (May 19 to 25, 2010) Oversight of PWCM	July 2, 2010
Status Report (June 2010) Oversight of PWCM	July 2, 2010
Draft QAPP Addendum 5 (Fish Tissue Analysis)	July 7, 2010
Draft QAPP Addendum 6 (Habitat ID Survey)	July 9, 2010
Final QAPP Addendum 4 (Co-located Sediment Samples)	July 9, 2010
Status Report (May 24 to 28, 2010) Oversight of the Late Spring/Early Summer 2010 Fish Tissue Collection for Chemical Analysis	July 23, 2010
Status Report (June 2 to 11, 2010) Oversight of the Spring 2010 Benthic Macroinvertebrate Survey	July 23, 2010
Status Report (July 2010) Oversight of PWCM	August 3, 2010
CDM QAPP Addendum 6 - habitat identification Survey	August 9, 2010
Status Report (June 23 to August 9, 2010) Oversight of the 2010 Summer Fish Community Survey	August 11, 2010
CDM submitted Final QAPP Addendum 5 (fish tissue sampling)	August 24, 2010
Status Report (July 27 to August 16, 2010) Oversight of the Summer 2010 Benthic Macroinvertebrate Survey and Co-Located Surface Sediment Sampling For Chemical Analysis	August 26, 2010
Technical Memorandum Exposure Parameter Assumptions for the LPRSA HHRA	September 2, 2010
Status Report (August 16 to 20, 2010) Oversight of the	September 2, 2010

Summer 2010 Avian Survey	
Comments on CPG Proposed Analysis Plan for the Small Forage Fish Tissue Samples	September 7, 2010
Comments on Protocol Modification Forms - CPG Fish and Benthic QAPPs	September 23, 2010
Comments on the CPG Draft Benthic Invertebrate Community Survey and Benthic Field Data Collection Report for the LPRSA Fall 2009 Field Effort	October 11, 2010
Status Report (September 20 to 23, 2010) Oversight of the 2010 Habitat Survey	October 14, 2010
Comments on CPG Draft Small Volume CWCM QAPP	October 15, 2010
Status Report (November 4, 2010) Oversight of Wet Weather Sampling	November 9, 2010
Comments on Caged Bivalve Pilot Study Memo	November 17, 2010
Status Report (October 11 to 15, 2010) Oversight of the Fall 2010 Avian Surveys	November 19, 2010
Comments on Periodic Bathymetry Survey Report June 2010 Multibeam Survey dated November 2010	January 6, 2011
Status Report (November 22, 2010 to January 6, 2011) Oversight of the Caged Bivalve Pilot Study	January 7, 2011
Comments on Revised Draft FS Work Plan	January 17, 2011
Revisions to Exposure Parameter Assumptions for LPRSA Human Health Risk Assessment	February 2, 2011
Comments on Draft Fish Community Survey and Tissue Collection Data Report 2010 Field Efforts	February 3, 2011
Comments on the Effect of Application of a Correction Factor on Chlorinated Dibenzo-p-dioxins and Dibenzofuran Results Produced by Columbia Analytical Services for LPR Sediment Samples	February 14, 2011
Status Report (January 23 to 27, 2010) Oversight of The Winter 2011 Avian Surveys	February 16, 2011
Comments on CPG Draft Caged Bivalve Study Addendum No. 4 to the Benthic QAPP	February 18, 2011
Comments on CPG Draft Habitat Identification Survey Data Report for the LPRSA Fall 2010 Field Effort dated March 4, 2011	March 24, 2011
Comments on CPG Revised Risk Analysis and Risk Characterization Plan for the LPRSA Draft dated February 10, 2011	April 8, 2011
CDM QAPP Addendum 7 - Caged Bivalve Study	May 2, 2011
Comments on CPG Response to SV CWCM QAPP Comments	May 2, 2011
Comments on CPG Draft Avian Community Survey Data Report Summer and Fall 2010	May 18, 2011
Comments on CPG Revised Periodic Bathymetry Survey Report June 2010 Multibeam Survey dated April 2011	June 7, 2011

Comments on CPG Revised Fall 2009 Benthic Invertebrate Community Survey and Benthic Field Data Collection Report Dated June 17, 2011	June 23, 2011
Comments on the Bathymetry Survey portion of the River Mile 10.9 Characterization QAPP dated June 2011	July 5, 2011
Comments on RTC on RM 10.9 QAPP Bathymetry Survey	July 11, 2011
Comments on CPG Revised Habitat Identification Survey Data Report dated June 17, 2011	July 11, 2011
Comments on revised portion of RM 10.9 QAPP Bathymetry Survey	July 13, 2011
Comments submitted on RM 10.9 QAPP Sediment Sampling	July 14, 2011
Comments on Revised 2010 Fish Community Survey and Tissue Report dated June 21, 2011	July 18, 2011
Comments on Draft Spring and Summer Benthic Report dated 17 June	July 21, 2011
Comments on the CPG SV CWCM QAPP Rev 1 and the PE Plan Memo on Revision 1	July 27, 2011
CDM Final QAPP Addendum 8 for SV CWCM	August 3, 2011
Comments on CPG RM 10.9 QAPP, Rev 2	August 15, 2011
Comments on CPG Field Modification 110727-C1	August 9, 2011
Comments on CPG Response to Comments and SV CWCM QAPP Rev 2	August 12, 2011
CDM Draft QAPP Addendum 9 for RM 10.9	August 16, 2011
Comments on CPG Field Mod 110822-1	August 23 & 24, 2011
CDM Final QAPP Addendum 9 for RM 10.9	August 25, 2011